

# Split System Submittal Data

## System: 18XHS72

## **Indoor/Outdoor: XHS1872/CH1872**

## Grille: PNR-XS1872

## Ceiling Recessed Heat Pump

Job Name: \_\_\_\_\_  
Location: \_\_\_\_\_  
Engineer: \_\_\_\_\_  
Submitted to: \_\_\_\_\_  
Submitted by: \_\_\_\_\_  
Reference: \_\_\_\_\_

Approval: \_\_\_\_\_  
Date: \_\_\_\_\_  
Construction: \_\_\_\_\_  
Unit #: \_\_\_\_\_  
Drawing #: \_\_\_\_\_

## General Data (at 230V)

<b>Power</b>	<b>V/PH/Hz</b>	<b>230/208/1/60</b>
Circuit Ampacity	(A)	20
Fuse Size, Max.	(A)	20

<b>Compressor</b>	<b>DC Rotary Inverter</b>
No. used	
R.L. Amps - L.R.	(A)

## Outdoor Unit

Fan type	Propeller
Dia. (in.) - No. Speeds	16-17/32-1
Type Drive - No. Speeds	Direct-3
No. Poles	(RPM)
No. Motors	(W)
CFM	(HIGH)
F.L. Amps	(A)

Coil Type	Aluminum Fin and Copper Pipe
Fin Type - Pipe Type	Corrugated Plate - Inner Rifled
Rows - F.P.I.	2-18.1
Face Area	(sq.ft.)
Tube Size	(in.)

## Indoor Unit

Fan type	Turbo		
Dia. & Length (in.) - No. Speeds	12-5/8/5-3/4-1		
No. Speeds	3+Auto		
No. Poles	(RPM, High)	8-720	
No. Motors	(W)	30-1	
CFM	(Hi/Med/Low)	341/294/253	
Indoor Sound Rating	(Hi) (dB-A)	44	
F.L. Amps	(A)	.3	

Coil Type	Aluminum Plate Fin & Copper Tube		
Fin Type - Pipe Type	Slit Plate & Inner Rifled		
Rows - F.P.I.	2-18.1		
Face Area	(sq.ft.))	2.94	
Tube Size	(in.)	9-32"	
Drain Connection Size	(in.)	23/32"	

<b>Refrigerant</b>	R410A	
Lbs. - R410a (outdoor unit)	2.87	
Control	Electric Expansion Valve	
Connection	Flare	
Line Length, Max (ft.)	100	
Lift Difference, Max (ft.)	50	
Line Size	(in O.D. Dishcharge)	1/4"
Line Size	(in O.D. Suction)	1/2"
<b>Dimensions</b>	(in.)	H x W x D
Indoor Unit	(uncrated)	11-1/16 x 22-5/8 x 22-5/8
	(crated)	11-13/32 x 24-3/16 x 28-1/8
Outdoor Unit	(uncrated)	26-3/8 x 34-21/32 x 11-7/32
	(crated)	29-1/8 x 39-27/32 x 14-31/32

<b>Weight</b>	<b>Indoor</b>	<b>Outdoor</b>
Net	(lbs.) 35.3	97.0
Shipping	(lbs.) 41.9	105.8
	(cu.ft.) 4.59	9.88
Shipping Volume		

Performance Data @ ARI Standard Conditions (230/208V)

## Cooling

Total Capacity	(BTU/H)	17,500 (4,000-17,500)
Sensible Capacity	(BTU/H)	10,600
Latent Capacity	(BTU/H)	6,900
SEER		16
Dehumidification	(Pints/H)	4.89
Amps	(A)	8.3(1.2-8.3)
Power Inputs	(W)	1860(250-1860)
Outdoor Sound Rating	(dB-A)	51

## Heating

Total Capacity (BTU/H) 20,400 (4,400-20,400)  
HSPF 8.5

# Dimensions

## Heating

Amps	(A)	10.5(1.3/10.5)
Max. Amps		-
Power Inputs	(W)	2340/2340(270-2340)
Back-up Strip Heater		0.00/0.00
Outdoor Sounds Rating	(dB-A)	51

## Options

Refrigerant Line Set	Available
Fresh Air Intake	Knock-out
Airduct Extension	N/A
Condensate Drain Pump	Standard
Hard Wired Remote Controller	Available
Non-Removeable Locking Remo-con Bracket	Available

## Features

Controls	Microprocessor
Remote Controller	LCD Wireless Type, Temp. Sensor Built In
Temperature Control	IC Thermostat
Timer	24 Hr Program; 1HR ON/OFF
Night Setback	Built-In
Air Louver	Horizontal
	(Vertical)
Power Failure Automatic Restart	Manual
Self-Diagnosis	Automatic
Air Filter	Built-In
Air Clean Apatite Filter	Built-In
Quiet Operation	Washable, Anti-Mold
Ion Generator	Standard

① Air intake
② Discharge outlet
③ Refrigerant tubing (liquid tube) dia. 1/4" (flared)
④ Refrigerant tubing (gas tube) dia. 1/2" (flared)
⑤ Drain tube connection port VP20 (outer dia. 1")
⑥ Power supply port
⑦ Suspension bolt hole (4 - 1/2" x 1-1/8" hole)
⑧ Fresh air intake duct connection port (dia. 3-7/8")

